

Form PTO-948 (Rev. 03-01) U. S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 9/402,277

**NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 12-19-00 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink, Color. _____

Color drawings are not acceptable until petition is granted. Figs(s) _____

Pencil and non black ink not permitted. Figs(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b):

1 full-tone set is required. Figs(s) _____

Photographs may not be mounted. 37 CFR 1.84(c) _____

Poor quality (half-tone). Figs(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c):

Paper not flexible, strong, white, and durable. Figs(s) _____

Erasures, alterations, overwritings, insertions, faded copy or machine marks not accepted. Figs(s) _____

Mylar or vellum paper is not acceptable. Figs(s) _____

Figs(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(d): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) _____

21.6 cm by 27.9 cm (8 1/2 x 11 inches) _____

All drawing sheets not the same size. Sheets(s) _____

Drawings sheets not an acceptable size. Figs(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A1 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Figs(s) 16, 6B, 9A, 17

Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h):

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity. Figs(s) _____

Views not labeled separately or properly. Figs(s) _____

Enlarged view not labeled separately or properly. Figs(s) 3

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3):

Hatching not indicated for sectional portions of an object. Figs(s) _____

Sectional designation should be noted with Arabic or Roman numbers. Figs(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):

View is not appear in horizontal, left-to-right fashion.

View is either upright or turned so that the top

points the right side, except for graphs. Figs(s) _____

9. SCALE. 37 CFR 1.84(j):

Scale is large enough to show mechanism without

distortion when drawing is reduced in size to two-thirds in

reproduction. Figs(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k):

Lines, numbers & letters are uniformly thick and well

defined, clean, durable, and black (printing quality).

Figs(s) 12, 12C

11. SHADING. 37 CFR 1.84(l):

Shading is solid. Figs(s) _____

Shaded or stippled shading not permitted. Figs(s) _____

Shaded lines pale, rough or blurred. Figs(s) _____

12. NUMBERS, LETTERS, & PREFERENCE CHARACTERS. 37 CFR 1.84(m):

Numbers and reference characters are plain and legible. Figs(s) _____

Figs(s) hands are poor. Figs(s) _____

Numbers and reference characters not oriented in the

same direction as the view. 37 CFR 1.84(p)(1)

Figs(s) _____

English alphabet not used. 37 CFR 1.84(p)(2)

Figs(s) _____

Numbers, letters and reference characters must be at least

32 cm (1 1/8 inch) in height. 37 CFR 1.84(p)(3)

Figs(s) _____

13. LEAD LINES. 37 CFR 1.84(p):

Lead lines cross each other. Figs(s) _____

Lead lines crossing. Figs(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r):

Sheets are numbered consecutively, and in Arabic numerals,

beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u):

Views are numbered consecutively, and in Arabic numerals,

beginning with number 1. Figs(s) _____

16. CORRECTIONS. 37 CFR 1.84(w):

Corrections not made from prior PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152:

Surface shading shown not appropriate. Figs(s) _____

Solid color shading not use 1:1 color contrast.

COMMENTS FIG. 3 SHOULD BE FIG. 3A, 3B

REVIEWED _____

ATTACHMENT TO PAPER NO. 22

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.